



Lovemore Bros.

MACHINE MOVING AND RIGGING CONTRACTORS

December 2011

LOVEMORE BROS BUILDS GREEN 'TEMPLE' FOR COP 17 DELEGATES TO CHILL

Lovemore Bros was commissioned to construct a "Green Temple" for the COP 17 conference in December to create a space where people could relax, unwind and be entertained.

The natural marquee was lined by a border of 8.5m tall exotic tree trunks that make up the base of the natural tent like shade structure.

The Green Temple was constructed from natural materials such as sisal and manila rope, untreated poles, saligna tree trunks with a 2400 square metre canopy of cargo netting with strelitzia (wild

<http://www.lovemore.co.za>

banana) leaves creating the mottled shade seating area.

The clean space with neat lines had a practical function bringing nature into the city with the exotic plants used and the leaves turning brown over the duration of the con-

Three weeks to complete a natural structure that provides shelter and moves 'naturally'

ference added to the main topic of discussion of the conference.

According to Jonathan Langley from Lovemore Bros "The whole structure moves, with oversized

Simply getting on with it.

hinges under each tree trunk. The natural properties of the rope expanding and contracting in the dry and wet conditions making it move in and out, up and down give life to the structure.

"Wind was another factor that keeps the structure moving, with rain adding weight and sunshine drying it out and lifting it up again"

Langley said Lovemore was given three weeks to take the concept from implementation to completion. Week one was spent ordering materials and transporting items to the site from KZN providers and further afield.

Continued overleaf



Rigging

Machine Moving

Abnormal Loads

Mechanical Projects

Warehousing

LOVEMORE BROS BUILDS GREEN 'TEMPLE' FOR COP 17 DELEGATES TO CHILL

"We knew we would be under pressure, but Lovemore has a good reputation when it comes to reaching an achievable deadline with the resources we have available to us."

The "Cathedral" consisted of nine solid inner bays and two cantilever end bays with a shaded roof covering a total of 2400 square metres, and five joined trees in line with one end of the bays for signage purposes.

The building of each bay making up the base of the 'Temple' was systematic, with each crew allocated a task including measuring up, cutting, drilling, bolting, rope work, rigging and anchoring back.

Over the two weeks on site workers toiled through the weekends at time in heavy rain to complete the task. There were a total of 25 trees, about 14 tonnes of gum poles, a few kilometres of natural rope, more than 100 m threaded rod, 2400 square metres of cargo netting and about 7000 leaves that made up the structure. A mobile crane lifted in excess of thirty lifts. Two forklifts, man cages and scissor lifts with many power

tools, a chain saw and other rigging gear were used to achieve the end result. Langley adds that with co-operation from everybody involved in the project, the result that was achieved— given the tight deadline— was highly successful and one they could all be proud of.



Rigging

Machine Moving

Abnormal Loads

Mechanical Projects

Warehousing